

MONTANA PLANT-DISTRIBUTION RECORDS

W. E. BOOTH AND JANET STENTZ

A NUMBER of additions to the state flora have been found in collections made by the authors and in older collections filed in the Montana State College Herbarium.

NAJAS FLEXILIS (Willd.) Rostk. and Schmidt. Collected by *Charles Buck* in Flathead Lake, near Creston, Flathead County, Montana.

The plants grow in water up to eighteen inches deep. August 17, 1937. This plant has been reported as being in Montana, but this is the first specimen in the Montana State College Herbarium.

ERAGROSTIS HYPNOIDES (Lam.) B. S. P. Collected by *W. E. Booth* in Fromberg, Carbon County, Montana; August 2, 1941.

ERAGROSTIS PECTINACEA (Michx.) Nees. Collected by *W. E. Booth* near Polson, Flathead County, Montana, September 2, 1942.

FESTUCA MEGALURA Nutt. Collected by *W. E. Booth* five miles west of Bozeman, Gallatin County, Montana.

The stand consisted of a few plants growing along the railroad track in dry, rocky soil; July 21, 1946.

AGROPYRON SAXICOLA (S. & S.) Piper. This species is represented in Montana by the single collection made by *P. H. Hawkins* at Lake Abundance, Montana, in 1914.

AEGILOPS CYLINDRICA Host.

This grass, formerly thought to be mostly in the central and southern United States, has appeared in Montana at numerous locations in grain fields. In some areas it is sufficiently abundant to be considered as a pernicious weed.

CALAMAGROSTIS KOELERIOIDES Vasey. This species is new to Montana, but is reported from adjoining states to the west. It was collected in Glacier National Park by *W. E. Booth* near Avalanch Campgrounds, growing in a sandy, moist soil, where it was represented by three isolated clumps. July 31, 1942.

CALAMAGROSTIS SCOPULORUM M. E. Jones. Collected by *G. F. Payne* in the Gallatin Canyon, south of Bozeman, Montana at an altitude of about 8500 feet; August 21, 1949.

It appears in small scattered clumps on an eroded slope near the junction of Lightning and Taylor Fork creeks.

SPOROBOLUS NEGLECTUS Nash. Two Montana collections of this species have been made. *W. L. Jellison*, on September 15, 1927, collected a sample from the College Experiment Station Farm at Bozeman, Montana. A second collection was made by *W. E. Booth* on August 11, 1941 in open grassland, two miles south of Harlowtown, Montana. This stand was represented by a few scattered bunches of the grass.

SPOROBOLUS VAGINIFLORUS (Torr.) Wood. This plant is represented in Montana by a single collection made September 4, 1941 by *W. E. Booth*. It was growing along a road near Wyola, Bighorn County, Montana, in dry sandy soil.

CAREX EBURNEA Boott. Collected near Ekalaka, Carter County, Montana by *E. C. Moran*, August 11, 1941, no. 132.

MAIANTHEMUM CANADENSIS Desf. Collected by *W. E. Booth* one mile south-east of Alzada, Carter County, Montana. Several plants were growing on a shaded, deep humus bench above the river; June 19, 1949, no. 2622.

SCABIOSA ARVENSIS L. Collected by *W. E. Booth* twelve miles south-west of Bozeman, Montana and about 2 miles south of the Bozeman Hot Springs. Several large clumps of the plant were growing along the roadside in a moist ditch. September 10, 1947. The plant was identified by *B. Maguire*.

BELLIS PERENNIS L. Collected by *L. Stone* near Perma, Sanders County, Montana on May 5, 1941.

TETRADYMIS SPINOSA H. and A. Collected in Wibaux County, Montana, in May 1939 by *G. W. Griffins*.

CENTAUREA NIGRA L. Collected by *J. S. Gordon* near Troy, Lincoln County, Montana; August 22, 1932.

This was a weed-specimen sent to Montana State College for a determination. The identification was made by Mr. *Gerald Clary*.

HERBARIUM, MONTANA STATE COLLEGE,
Bozeman, Montana

THE AUTHORITIES FOR *TORREYCHLOA FERNALDII* (Gramineae). —In a recent paper, G. L. Church published a cytotaxonomic study of *Glyceria* and *Puccinellia*. From the former genus he removed several species and published them, in *Amer. Journ. Bot.* xxxvi. 163–164 (1949), as the new genus *Torreyochloa*. In the writer's opinion this new genus was well substantiated by significant morphological characters.

This brief note is written only to make a minor correction in the authorities for one of the species. *Torreyochloa Fernaldii*